

DART
AEROSPACE

Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

Plex 11/6/2018 4:18 PM dart.Tollis.Andrew

PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

**PURCHASE ORDER
PO039152**

Supplier: DIV001-VU
Diversified Industrial Products
14 Connor Lane
Deer Park, NY 11803 USA
Phone: 516 822 8300
Fax: 516 822 8332

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039152
PO Date: 3/1/18
Due Date: 12/20/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal Phone:
clavoie@dartaero.com
Pymt Terms: net 30
Freight Terms:
Special Comments: note delivery date TBA

E-MAILED

MAR 02 2018

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1 A1	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	7/9/18	704 sf	✓ 0 sf	704 sf	\$4.20/sf	\$2,956.80 At 18/07/19
2 A1	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	8/8/18	704 sf	✓ 0 sf	704 sf	\$4.20/sf	\$2,956.80 At 18/08/16
3 A1	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	9/10/18	704 sf	✓ 0 sf	704 sf	\$4.20/sf	\$2,956.80 At 18/09/11
4	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	10/8/18	672 sf	✓ 0 sf	672 sf	\$4.20/sf	\$2,822.40 At 18/11/06
5	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	11/8/18	672 sf	✓ 0 sf	672 sf	\$4.20/sf	\$2,822.40 At 18/11/06

3/4 '20

PURCHASE ORDER

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	12/11/18	672 sf	0 sf	672 sf	\$4.20/sf	\$2,822.40
7	M304EX0.75-16F		Expanded Metal Flat SS : MATERIAL: AISI 304/316 STAINLESS STEEL EXPANDED METAL MESH AS PER ASTM A240 ASTM F1267 OR MIL-M- 17194D receive sf	Firmed	12/12/18	672 sf	0 sf	672 sf	\$4.20/sf	\$2,822.40

Grand Total: \$20,160.00

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



Plex 3/1/18 11:00 AM dart.lavoie.chantal



Diversified
Industrial
Products

14 Connor Lane, Deer Park, NY 11729 Tel: 631.761.6200 Fax: 631.761.6201

Customer PO #
PO039152

Order Date
03/01/18

SP
AB

Sales Order Number	45583
Invoice Date	11/1/2018
Invoice Number	69648

# Pkg.	1 SKID
Weight	1,175 LBS

Ship Date	Shipped Via	Test Reports
11/1/2018	JOURNEY FRT	Y

Item #	Order Qty	U/M	Description	Qty Shipped	Bal. on Order
1	4800	SF	EXPANDED METAL FLAT 304/316 STAINLESS STEEL EXPANDED METAL DIAMOND ASTM A 240, ASTM F1267 OR MIL-M-17194D MILL: NAS; HEAT #: 457D 150 SHEETS TO BE RELEASED AS NEEDED, SHEETS ARE 4 FT X 8 FT EXPECTED RELEASE DATES ARE LISTED BELOW: (SUBJECT TO CHANGE) 704 SF (22 SHEETS) DUE 07/09/18 704 SF (22 SHEETS) DUE 08/08/18 704 SF (22 SHEETS) DUE 09/10/18 672 SF (21 SHEETS) DUE 10/08/18 672 SF (21 SHEETS) DUE 11/08/18 672 SF (21 SHEETS) DUE 12/11/18 672 SF (21 SHEETS) DUE 12/12/18	1,344	1,344

PACKING LIST

CERTIFICATE OF COMPLIANCE

We certify that the materials described above conform to the specifications stated.

Cathie Vail

Quality Control Manager



NORTH-AMERICAN
STAINLESS

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 311312 01 Mail To:
Customer: 0007 092 DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

Order: 4500815062 NIS Order: AM 0757720 01
PRODUCT DESCRIPTION:
STEEL STL CORR, C.R. ANNEALED & PICKLED: UNS 30400
EN10028-7 & EN10088-2, 1.4301
ASTM A240/16a, A480/16b, A666/15; ASME SA240/15, SA666/15
ASME S-5059D (MRS); MIL-S-5059D (MIL-CU MRS); MIL-S-4043B
ASME HR0175/160 15156-1:2009 A. HR0103/07/0057660-A X HRC PERIOD
HOLD, SOLVENT, ANNEAL, TEMP 1900°F, WATER QUENCHED
ASTM A240/16a (SUSPENDED)

Ship To:
DIVERSIFIED INDUSTRIAL PRODUCTS
14 CONNOR LANE
DEER PARK, NY 11729

Date: 7/12/2017 Page: 1
Steel: 104
Finish: 2B

Comments: ASTM A362/15 A1180 Standard-O

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; Rols 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, E Cont. Casting
Product Mfg. by a Quality Mfg. Sys. in Conf. w/ISO 9001
EN 10204 3.1B (EUROPEAN)

*Welds & Mfr'd & Tested in the USA, Mat'l is DFARS compliant

16 GA -7-304

Product ID #	Coil #	Thickness	Width	Weight	Length	Mark	Pieces	Comments	COIN#	NUMBER
02457D 2B	* 02457D 2B	.0600	48.0000	14,870	COIL	1623.3	1		1	160009453

CHEMICAL ANALYSIS				CMI(Country of Mfg)				ESI(Spain) US(United States) ZAI(South Africa) JP(Japan)				Lab Accreditation Bureau, ISO/IEC 17025. Certificate# 123213				Chemical Analysis per ASTM A751/14a			
WT%	C%	Cr%	CD %	NI %	NI %	NI %	NI %	NI %	NI %	NI %	NI %	NI %	NI %	NI %	NI %	NI %			
457D	0.0119	18.1670	.4970	1.6745	.3375	.0743	8.0315	.0295	.0819										

MECHANICAL PROPERTIES

Product ID #	Coil #	UTS	20C	2% YS	20C 1% YS	%-2%	Hard	Tail	Grain	Company	DART AEROSPACE
02457D 2B	02457D 2B	F T	95.35	46.81	53.00	51.12	84.50	84.00	8.00	PO#	PO039152

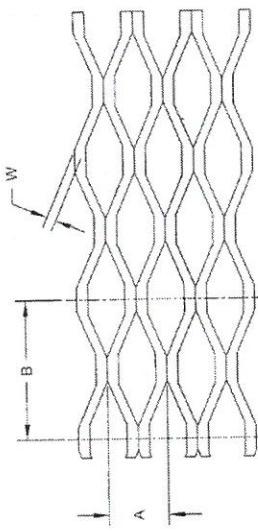
02457D 2B	02457D 2B	F T	95.35	46.81	53.00	51.12	84.50	84.00	8.00	Our Inv. #	69648
										Qty.	1344 SF
										Part #	

QC Dept. Cathie Vail

Technical Dept. Mgr. Cathie Vail
Kris Lark 7/12/2017

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

SPECIFICATION CONTROL DRAWING



STYLE	SIZE OF DIAMOND ¹				SIZE OF STRAND				WEIGHT lb/ft ²
	STD	FLAT	STD	FLAT	STD	FLAT	STD	FLAT	
1/2-18	0.48	0.48	1.20	1.24	0.085	0.100	0.050	0.040	0.73
1/2-16	0.48	0.48	1.20	1.24	0.085	0.100	0.062	0.050	0.91
3/4-18	0.90	0.90	2.00	2.10	0.100	0.118	0.050	0.040	0.47
3/4-16	0.90	0.90	2.00	2.10	0.100	0.118	0.062	0.050	0.60
3/4-13	0.90	0.90	2.00	2.10	0.100	0.118	0.094	0.070	0.91
3/4-9	0.90	0.90	2.00	2.10	0.150	0.165	0.140	0.120	0.88

¹ A TOLERANCE OF +1-10% OR +/- 0.07 (MIN) IS PERMITTED

RELEASED
R 2010-05-24

PURCHASE MATERIAL: AISI 316 STAINLESS STEEL EXPANDED METAL MESH

(REF STAINLESS STEEL PER ASTM A280)

SPECIFICATION: ASTM F12C7 OR MIL-M-17194D

PART NUMBER: M304EXY YY TT F
SIZE | GA |

Y,YY SIZE
TT = GAUGE THICKNESS OF METAL
F = FLATTENED (OPTIONAL)

FIG 34-16 EXPANDED METAL MESH (FLATTENED) = M304EX075-16F

B	REFORMAT DWG. ADD MIL/ASTM SPECS (ZN A8-1), ADD TABLE & DETAIL (ZN C6-1). REF NCR 09-080	CP	10-01-11
A	NEW ISSUE	DS	01-07-16
REV	DESCRIPTION	BV	DATE
	DART AEROSPACE LTD		
	HAWKESBURY, ONTARIO, CANADA		
A	DRAWN BY	DRAWING NO	REV B
	CHECKED	M304EX	SHEET 11 OF 1
	MFG APPR		SCALE
	APPROVED		TITLE
	DE A/F.R.		304-16 SS EXPANDED METAL MESH
	DATE	10.01.11	MATERIAL

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304E X 0.75 - 16F
 DATE: 18/11/06

PO / BATCH NO.: P0039152/S125 258

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 1344sf
 QUANTITY INSPECTED: 1344sf
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.050"
 THICKNESS RECEIVED: 0.050"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<u>Y</u> <u>(N)</u>	
CORRECT FINISH	<u>Y</u> <u>N</u>	
CORROSION	<u>Y</u> <u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>Y</u> <u>N</u>	
CORRECT MATERIAL PER M-DRAWING	<u>Y</u> <u>N</u>	<u>ASTM A240</u>
CORRECT THICKNESS	<u>Y</u> <u>N</u>	
PHOTO REQUIRED	<u>Y</u> <u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>Y</u> <u>N</u>	<u>HT: 4570</u>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u> <u>N</u>	
CORRECT M# ON THE MATERIAL	<u>Y</u> <u>N</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<u>Y</u> <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<u>Y</u> <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in